

COSTA MESA, CA. 92628

P. O. BOX 1673

WILL CONRAD
9359 SHRIKE AVE
FOUNTAIN VALLEY, CA 92708



The Society Column

PRESIDENT: Will Conrad
964-0347

TREASURER: Tom Pastore
722-0355

VICE PRES: Ross Thomas
638-0705

CONTEST DIR: Bob Sliff
895-6569

SECRETARY: David Lloyd
645-2413

GENERAL DIR: Frank Chasteler
545-2185

EDITOR: Pete Richardson 556-7151

"The Oldest A.M.A. Sanctioned Soaring Club In The World"

JUNE 1987

Volume 24 Number 6

JUNE CLUB MEETING

SHOW AND TELL TONIGHT

The June club meeting will be held on Wednesday, June 3, 1987 at 7:30 P.M. at the Consolidated Water District Office, 1965 Placentia Ave., Costa Mesa. There will be a show and tell session at this meeting, anyone who has a project they would like to show is encouraged to bring it in.

JULY CLUB MEETING

The July club meeting will be held on Wednesday, July 1, 1987 at 7:30 P.M. at the Consolidated Water District Office, 1965 Placentia Ave., Costa Mesa.

MINUTES OF THE MAY 6, 1987 HSS GENERAL CLUB MEETING

Will Conrad called the meeting to order at 7:30 pm at our usual meeting place in the Costa Mesa Consolidated Water District Office. A brief, generalized Treasurers report was presented by Will in the absence of our treasurer. The minutes of the previous two meetings, which appeared together in the last newsletter, were voted by the club body to become the official meeting minutes as they were written.

Under new business Pete Richardson announced that he needs to have all newsletter contributions before the 20th of each month in order to process the information in time to get the newsletter out in a timely manner.

Under old business Will Conrad presented an update to the club concerning the city's plans for our flying field; much discussion followed. John Luperger described the tasks for the upcoming club contest that he will be CD'ing. Bob Sliff, our contest coordinator, announced and described the events for the upcoming May 16th, Electric Aeromodeling Association contest. The contest which was formerly known as the Astro contest, will be held at our field with Frank Chasteler as the CD of record. The next SCSC contest will be on May 31st, at the location noted on the back of our last newsletter. FSA will be the host club. Felix Vivas announced that the pot for the F3E contest, to be hosted by HSS, is still growing. There has been a recent \$500 donation by Airtronics which is greatly appreciated by all. A formal practice session for this contest will be announced at our next club meeting.

New faces: There were several new faces at the club meeting this time around. Justin Sanders brought his Dad John to meet us. Bill and Mac Flemming (father and son) were introduced; they have both joined our club. Mac is now the youngest member in HSS. Another father and son team were in the audience, Sandy and Steve Henry. Gary Westland and another father and son team, Tony and Mike Grasso, were also introduced to the club.

After the meeting adjourned, Ross Thomas announced and conducted a club swap meet.

A board meeting was announced for the following Wednesday, May 13.

***** CONTEST ANNOUNCEMENTS *****

JUNE CLUB SAILPLANE CONTEST June 14th 9:00 am
CD: Rich Garner
3 rounds of your choice of 3, 5, or 7 minute flights with standard 25' radius landing circle. Scoring is as follows: 3 minute, 700 flight and points 300 landing points, 5 minute, 800 flight points and 200 landing points, and 7 minute, 900 flight points and 100 landing points. The landing approach must be between two cones located to the east of the landing circles. One pop-off allowed in sportsman class. Thermaling sailplanes in the launch area have right of way. Open flight order and signups close at 9:45 am.

JUNE CLUB ELECTRIC CONTEST June 21st 9:00 am
CD: Ross Thomas
Old Timer: two flights on one charge
Electric Sailplanes: F3E type course, this will provide practice for the club members that will help run the F3E contest in August. After the contest the course will be open for additional practice. More details will be announced at the meeting.

JULY CLUB SAILPLANE CONTEST July 5th 9:00 am
CD: Pete Richardson
Tentative: One round of ten minute man-on-man, standard landing circle, 900/100. Two rounds of two minute precision bell curve scoring, standard landing circle, 500/500.

CONTEST SCHEDULE

May 31.....PSA SCSC
June 14.....HSS Monthly Contest
June 28.....NCC SCSC
July 5.....HSS Monthly Contest
July 26.....FSA SCSC
August 9.....HSS Monthly Contest
August 15, 16.....7 Cell F3E Contest at HSS
September 6.....HSS Monthly Contest
September 27.....SULA SCSC
October 11.....HSS Monthly Contest
October 25.....ISS SCSC

Academy of Model Aeronautics

FREQUENCY IDENTIFICATION SYSTEM EFFECTIVE JANUARY 1988

PLAN NOW!

72 MHz AIRCRAFT USE ONLY

Single RED streamer—7/8" to 1" wide by 8" long affixed to the top of the transmitter antenna imprinted with above wording

1988-1991 AIRCRAFT FREQUENCIES

Channel No.	Frequency	Channel No.	Frequency	Channel No.	Frequency	Channel No.	Frequency
12	72.030	24	72.270	38	72.550	48	72.750
14	72.070	26	72.310	40	72.590	50	72.790
16	72.110	28	72.350	42	72.630	52	72.830
18	72.150	30	72.390	44	72.670	54	72.870
20	72.190	32	72.430	46	72.710	56	72.910
22	72.230	34	72.470				

Channels 12-34 Narrow Band transmitter only

Channel 36 and 58 not used—see General Info

CHANNEL NUMBER PLAQUES

One and one-half inch **BLACK** numerals with 1/4" stroke mounted on a white background, visible on both sides of the plaque.

At modeler's option, they may read horizontally or vertically and be attached at the base, center, or top of the antenna.

Non-reflective materials recommended.

GENERAL INFORMATION

Effective January 1988, channels 12 through 34 will be reserved for narrow-band transmitters only. Older, broad band equipment, as well as new narrow-band, can be operated on channels 38 through 56.

Channel 36 is not used in order to provide an 80 KHz spacing between channels 34 and 38.

Channel 58 is not used to provide image response protection for channel 12.

The channel usage and identification system is authorized for use in AMA sanctioned events and is highly recommended for all sport flying and club activities.

See pages 127-129 of the 1986-87 Official Model Aircraft Regulations for current frequency information and recommendations.

ACADEMY OF MODEL AERONAUTICS
1810 Samuel Morse Drive, Reston, VA 22090

RADIO FREQUENCY PHASE-IN AND FLAG PLAN

The second stage of the Academy of Model Aeronautics' plan for the implementation of the frequencies granted to modeling by the FCC in 1982 takes effect at the end of this year. December 20, 1987 marks the end of the five-year period required by the FCC for "grandfathering" the older frequencies that have been in use for many years. It is stated in Part 95, Subpart C of the Federal Communication Regulations, that operation of models on 72.080, 72.160, 72.240, 72.320, 72.400, 72.960, and 75.640 MHz WILL BE ILLEGAL AS OF THE DECEMBER 20th DATE!

Two factors are involved in the decision to no longer use the two-flag system. First, as of January 1988, all frequencies in use will carry a channel number designation. The second, and most important reason, is the fact that using the old two-color system would result in our reaching a point with the addition of new frequencies where the same two colors, in a reversed order, would designate two different frequencies.

It is important to note the first item in the "General Information" section. Persons wishing to change frequencies on older equipment will be required to use channels 38 through 56 at this time. Keeping the older broad band equipment and the newer narrow-band equipment separated will facilitate the evaluation of the phase-in plan and address any concerns as we move toward the implementation of the entire roster of frequencies in 1991.

During the past year, many important support programs have been instituted by the Academy. They include:

1. A broad-based, individualized program to maintain proper frequency allocations for surface and aircraft use. This included the development and supplying of stickers to be used to identify radio equipment cartons and transmitters and direct contact with retail outlets and the FCC.

2. Direct contact with clubs and individual modelers in the solution of suspected or proved interference problems. A direct result of the solution of one situation is action on the FCC's part to restructure and clarify Part 95 concerning frequency allocations.

3. The testing of member's transmitters at trade shows and some large flying events. The information gained through this program, along with extensive research by Frequency Committee members and AMA funded independent studies, has resulted in the promulgating of guidelines that are being used by the model industry for the development of equipment. These will also form the basis of a petition to the FCC requesting tighter operating specifications. The testing program appears to have resulted in more repair facilities employing the use of spectrum analyzers.

4. The purchase and distribution of scanners to each of the eleven AMA Districts for use by clubs at local flying sites.

5. The monitoring of permits issued for industrial frequency use. These listings have indicated the heavy use of the "old" frequencies and point out the fact that there is no industrial activity on those frequencies in use for modeling. In light of the fact that there is some industrial activity 10 KHz away from some of the model frequencies, the Academy is considering the possibility of using this permit information to produce a listing that might be valuable for club use by geographic areas to indicate potential problems immediately adjacent to some RC frequencies.

These activities reflect some of the Academy's current actions in radio frequency matters. Without a doubt, the next two or three years will require a high level of activity and education as we move toward the final stage of the phase-in program. It is very important that we stay fully and accurately informed. Be assured that the Academy will work toward that end. Please do not hesitate to contact us if there are any questions regarding radio frequency concerns.

HSS YEAR TO DATE RESULTS

OPEN CLASS										
PLACE	NAME	CLASS	JAN	FEB	MAR	APR	MAY	TOTAL	CONT. FLOWN	NORM AVE
1	RICH GARNER	E	925.3	961.8	1000.0	920.3	983.1	4790.5	5	958.1
2	BOBBY GERBIN	E	960.6	911.0	965.2	952.1	999.0	4787.9	5	957.6
3	MORRY SMITH	E	978.4	868.4	985.4	982.2	932.5	4766.9	5	953.4
4	TONY MARTIN	E	989.0	997.8	883.7	940.8	947.7	4759.0	5	951.8
5	JACK DURHAM	E	934.6	953.5	871.8	1000.0	978.1	4738.0	5	947.6
6	FRANK CHASTELER	E	858.9	957.4	986.1	926.8	964.6	4693.8	5	938.8
7	JOHN LUPPERGER	E	906.2	927.5	915.7	959.6	896.4	4605.4	5	921.1
8	DIETER LAMPRECHT	A	975.0	897.1	928.2	799.6	999.0	4598.9	5	919.8
9	ROBERT GERBIN	E	991.4	945.3	675.0	961.4	960.9	4534.0	5	906.8
10	GORDON POULSEN	E	852.4	972.6	871.8	797.9	996.6	4491.3	5	898.3
11	FRED BIDDLE	E	809.2	962.2	844.7	933.7	940.6	4490.4	5	898.1
12	AL CRON	A	897.6	918.4	874.6	845.8	915.7	4452.1	5	890.4
13	LARRY ENGER	A	880.1	867.1	811.9	863.9	972.3	4395.3	5	879.1
14	JOHN AMIES	A	897.3	794.6	934.5	856.7	909.9	4393.0	5	878.6
15	GEORGE JOY	A	756.5	944.4	729.7	938.8	1000.0	4369.4	5	873.9
16	TONY LEE	A	906.2	843.7	907.0	765.0	917.7	4339.6	5	867.9
17	WILL CONRAD	A	889.0	854.5	775.7	847.8	962.9	4329.9	5	866.0
18	JIM FRYE	E	838.7	836.7	907.7	782.1	956.1	4321.3	5	864.3
19	DICK PANTZER	E	731.8	908.4	848.1	882.4	914.3	4285.0	5	857.0
20	ROSS THOMAS	A	934.6		972.1	953.1	976.0	3835.8	4	959.0
21	DANIEL FINK	E	939.4	983.1	992.0		838.4	3752.9	4	938.2
22	KEN MEIENBERG	E	932.9	937.0	899.3		923.4	3692.6	4	923.2
23	PETE RICHARDSON	E		889.7	875.7	925.4	977.7	3668.5	4	917.1
24	JOEL QUIESBERRY, JR	A	896.3	913.2	894.5		960.2	3666.2	4	916.6
25	PHIL HARRIS	E	792.1		938.3	895.7	971.3	3597.4	4	899.4
26	TOM CHASTELER	E	715.4		969.7	914.8	935.6	3535.5	4	883.9
27	GORDON RITSCHKE	E-A	794.5	872.8	916.1	913.5		3496.9	4	874.2
28	CHRIS HURLEY	S	532.5	818.1	822.0		935.6	3108.2	4	777.1
29	DENNIS BRANDT	E	1000.0	1000.0	999.3			2999.3	3	999.8
30	BOB SLIFF	E	972.3			911.1	980.4	2863.8	3	954.6
31	DON NIGG	A	920.5	828.9	949.1			2698.5	3	899.5
32	JUSTIN SANDERS	S			783.0	754.4	966.3	2503.7	3	834.6
33	BILL BRAHAMS	S		837.2	822.7	716.5		2376.4	3	792.1
34	JIM ANDERSON	A	580.5	832.4	680.6			2093.5	3	697.8
35	HERMAN HALL	A	975.3				932.9	1908.2	2	954.1
36	BRYAN JOY	S			830.7		933.5	1764.2	2	882.1
37	STEVEN DOW	A	790.4		834.9			1625.3	2	812.7
38	DAVE NEMECEK	S		805.9		782.8		1588.7	2	794.4
39	BOB POPE	A			949.8			949.8	1	949.8
40	JERRY BERMAN	S		871.5				871.5	1	871.5
41	HELEN OLSEN	A				863.9		863.9	1	863.9
42	RON NOWAK	S		841.5				841.5	1	841.5
43	CHRISTOPHER COLBY	S		820.7				820.7	1	820.7
44	MATT GATES	S			801.8			801.8	1	801.8
45	DON MANNING	S	739.0					739.0	1	739.0
TOTAL * OF FLYERS:			32	31	35	27	29			

H55 YEAR TO DATE RESULTS

2 METER CLASS										
PLACE	NAME	CLASS	JAN	FEB	MARCH	APRIL	MAY	TOTAL	CONT FLOWN	NORM AVERAGE
1	GORDON POULSEN		979.9	952.6	1000.0	910.3	947.7	4790.5	5	958.1
2	JOHN LUPPERGER		942.8	1000.0	826.0	921.2	1000.0	4690.0	5	938.0
3	WILL CONRAD		817.5	823.8	915.9	929.6	951.8	4443.6	5	888.7
4	DIETER LAMPRECHT		848.3	863.6	833.2	960.5	920.4	4425.0	5	885.2
5	KEN MEIENBERG		836.2	978.8	853.3		994.2	3662.5	4	915.6
6	CHRIS HURLEY			929.5	871.8	958.7	868.8	3628.8	4	907.2
7	ROSS THOMAS		784.2		904.6	983.5	954.6	3626.9	4	906.7
8	AL CRON		853.5	855.5		989.3	917.7	3616.0	4	904.0
9	LARRY ENGER		850.4	947.2	860.9		865.0	3523.5	4	880.9
10	JACK DURHAM				984.6	1000.0	986.7	2971.3	3	990.4
11	BOB SLIFF		1000.0			974.0	986.7	2960.7	3	986.1
12	FRED BIDDLE		967.1		687.9	858.6		2513.6	3	837.1
13	HERMAN HALL		984.1				994.9	1979.0	2	989.5
14	ROBERT GERBIN		962.9	934.5				1897.4	2	943.7
15	FRANK CHASTELER		919.6			846.6		1766.2	2	883.1
16	JOEL QUISENBERY JR.					603.1	915.3	1718.4	2	859.2
17	TOM CHASTELER		962.6					962.6	1	962.6
18	HELEN OLSEN					925.9		925.9	1	925.9
19	DICK PANTZER						793.3	793.3	1	793.3
20	TONY MARTIN		791.5					791.5	1	791.5
21	BOBBY GERBIN		679.3					679.3	1	679.3
22	GEORGE JOY					658.0		658.0	1	658.0
23	STEVEN DOW				657.4			657.4	1	657.4
24	DON NIGG		634.6					634.6	1	634.6
25	BILL BRAHANS					599.7		599.7	1	599.7
TOTAL # OF FLYERS:			14	9	10	13	14			

HSS MAY CONTEST RESULTS

OPEN CLASS					
POSITION	NAME	CLASS	SCORE	NORMALIZED	TROPHY WON
1	GEORGE JOY	A	2964	1000.0	1ST-EXPERT
2	DIETER LAMPRECHT	A	2961	999.0	2ND-EXPERT
3	BOBBY GERBIN	E	2961	999.0	3RD-EXPERT
4	GORDON POULSEN	E	2954	996.6	
5	RICH GARNER	E	2914	983.1	
6	BOB SLIFF	E	2906	980.4	
7	JACK DURHAM	E	2899	978.1	
8	PETE RICHARDSON	E	2898	977.7	
9	ROSS THOMAS	A	2893	976.0	1ST-ADVANCED
10	LARRY ENGER	A	2882	972.3	2ND-ADVANCED
11	PHIL HARRIS	E	2879	971.3	
12	RANDY SPENCER	G	2865	966.6	
13	JUSTIN SANDERS	S	2864	966.3	1ST-SPORTSMAN
14	FRANK CHASTELER	E	2859	964.6	
15	WILL CONRAD	A	2854	962.9	
16	BOB GERBIN	E	2848	960.9	
17	JOEL QUISENBERRY JR.	A	2846	960.2	
18	JIM FRYE	E	2634	956.1	
19	ROY STOWERS	G	2820	951.4	
20	TONY MARTIN	E	2809	947.7	
21	FRED BIDDLE	E	2788	940.6	
22	TOM CHASTELER	E	2773	935.6	
23	CHRIS HURLEY	S	2773	935.6	2ND-SPORTSMAN
24	BRYAN JOY	S	2767	933.5	
25	HERMAN HALL	A	2765	932.9	
26	MORRY SMITH	E	2764	932.5	
27	KEN MEIENBERG	E	2737	923.4	
28	TONY LEE	A	2720	917.7	
29	AL CRON	A	2714	915.7	
30	DICK PANTZER	E	2710	914.3	
31	JOHN AMIES	A	2697	909.9	
32	JOHN LUPPERGER	E	2657	896.4	
33	DAN FINK	E	2465	838.4	
2 - METER CLASS					
POSITION	NAME		SCORE	NORMALIZED	TROPHY WON
1	JOHN LUPPERGER		2927	1000.0	1ST-2 METER
2	HERMAN HALL		2912	994.9	2ND-2 METER
3	KEN MEIENBERG		2910	994.2	3RD-2 METER
4	JACK DURHAM		2888	986.7	
5	BOB SLIFF		2888	986.7	
6	ROSS THOMAS		2794	954.6	
7	WILL CONRAD		2786	951.8	
8	GORDON POULSEN		2774	947.7	
9	DIETER LAMPRECHT		2694	920.4	
10	AL CRON		2686	917.7	
11	JOEL QUISENBERRY JR.		2679	915.3	
12	CHRIS HURLEY		2543	868.6	
13	LARRY ENGER		2532	865.0	
14	DICK PANTZER		2322	793.3	

**THE ELECTRIC AEROMODELING ASSOCIATION
13 ANNUAL ELECTRIC CHAMPS
MAY 16, 1987
SOARING/OLD TIMER RESULTS
BY BOB SLIFF**

SEVEN CELL (CLASS A) SAILPLANE:

POSITION	NAME	SCORE	MODEL NAME	MOTOR	BATTERY	PROP
1	BOB SLIFF	890+	ELECTRIFIER	ASTRO CO FAI 6	SANYO 900SCR	K & W 10 X 6
2	JOHN LUPPERSER	890+	GENTLE LADY	ASTRO CO FAI 6	SANYO 800AR	GEIST 13 X 7
3	ED DEPUE	890+	MDDICUS	ASTRO CO FAI 6	SANYO 900SCR	GEIST 13 X 7
4	KEITH FINKENBNER	890+	ELECTRICUS	ASTRO CO 05 DIR	UNK	UNK
5	BILL FORREY	889	ELECTRICUS	ASTRO CO 05 DIR	SANYO 800AR	UNK
6	PAUL HINGTGEN	887	CHALLENGER	ASTRO CO 05 G	UNK	UNK
7	DIETER LAMPRECHT	780	G-ELECTRA	ASTRO CO FAI DIR	SANYO 900SCR	TIAPAN 8 X 4
8	CHUCK HOLLINGER	697	SWISHER	ASTRO CO FAI 6	SANYO 900SCR	OWN
9	DON NIGG	683	ELECTRICUS	ASTRO CO 05 DIR	SANYO 800AR	UNK
10	LOWELL HOWE	653	SENDOAR	ASTRO CO FAI 6	UNK	GEIST 13 X 7
11	GARY WESTLAND	612	CHALLENGER	ASTRO CO 05 G	SANYO 900SCR	UNK
12	DAVE NICE	448	CENTRON	KELLER 25/6	UNK	FRIEDENTHALLER
13	TOM BROWN	447	UNK	ASTRO CO 05	UNK	UNK
14	GARY ANDERSON	445	CHALLENGER	ASTRO CO 05 G	UNK	UNK
15	DICK PANTZAR	379	GENTLE LADY	LEISURE 05 DIR	SANYO 800AR	UNK
16	MORRY SMITH	373	ULTRA IV	LEISURE 05 G	SANYO 800AR	GRAMPNER
17	HOWARD E. SMERT	317	ORIGINAL	ASTRO CO 05	UNK	UNK
18	LARRY ENGER	311	CHALLENGER	ASTRO CO 05 G	SANYO 800AR	MIDWAY
19	JIM HALL	291	CHALLENGER	KYOSHO 2405	SANYO 800AR	UNK
20	JOEL QUISENBERRY	206	AMPLITUDE	ASTRO CO 05G	SANYO 800AR	GEIST 13 X 7
21	MARK BIRD	136	GENTLE LADY	CAN 05	SANYO 800AR	UNK

---1st flyoff, #2nd flyoff.

OPEN (CLASS B) SAILPLANE:

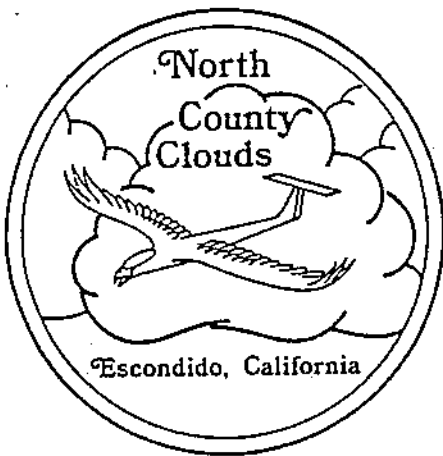
1.	STEVE NEU	883	QUATRO	ASTRO 100	30 SANYO 1200SCR	FRIEDENTHALLER
2.	CHUCK HOLLINGER	880	SWISHER	ASTRO CO FAI 6	10 SANYO 450AR	OWN
3.	KEITH FINKENBNER	865	QUATRO	ASTRO 100	30 SANYO 1200SCR	FRIEDENTHALLER
4.	DAVE NICE	865	CENTRON	KELLER 25/6	UNK	UNK
5.	FELIX VIVAS	811	KING	ASTRO CO 60	30 SANYO 1200SCR	FRIEDENTHALLER
6.	CRAIG CHRISTENSEN	779	OLYMPIAN	ASTRO 40 G	24 SR 1200	GEIST 13 X 7
7.	FRANK CHASTELER	642	ORIGINAL	KELLER	UNK	UNK
8.	LOWELL HOWE	568	CHALLENGER	ASTRO CO 15 G	14 SANYO 800AR	GEIST 13 X 7
9.	DON NIGG	550	ELECTRICUS	ASTRO CO 05 DIR	7 SANYO 800AR	UNK
10.	JIM HALL	374	G-ELECTRA	ASTRO CO 15	12 SANYO 800AR	UNK
11.	DICK PANTZAR	245	GENTLE LADY	LEISURE 05 DIR	7 SANYO 800AR	UNK

SEVEN CELL (CLASS A) OLD TIMER:

1.	KEITH FINKENBNER	890	PLAYBOY SR	ASTRO CO 05 G	SANYO 800AR	UNK
2.	LOWELL HOWE	854	PLAYBOY SR	ASTRO CO 05 G	SANYO 800AR	GEIST 13 X 7
3.	BOB SLIFF	834	PLAYBOY SR	ASTRO CO 05 G	SANYO 900SCR	REV UP 12 X 8
4.	JOE BALLASCH	630	LANZO BOMBER	ASTRO CO 05 G	UNK	UNK
5.	GARY WESTLAND	610	LANZO BOMBER	ASTRO CO 05 G	SANYO 800AR	UNK
6.	PAUL HINGTGEN	574	VIKING	ASTRO CO 05 G	UNK	UNK
7.	DON NIGG	563	PLAYBOY	ASTRO CO 05 G	SANYO 800AR	UNK
8.	JIM HALL	555	VIKING	ASTRO CO 05 G	SANYO 800AR	UNK
9.	CHUCK HOLLINGER	000	NOMAD	ASTRO CO 05 G	SANYO 900SCR	OWN

OPEN (CLASS B) OLD TIMER:

1.	LOWELL HOWE	778	PLAYBOY SR	ASTRO CO 40 G	20 SANYO 800AR	GEIST 13 X 7
2.	CHUCK HOLLINGER	690	NOMAD	ASTRO CO 05 G	12 SANYO 800AR	OWN
3.	FRANK CHASTELER	461	ORIGINAL	KELLER	UNK	UNK
4.	JIM HALL	401	VALKYRIE	ASTRO CO 15 G	12 SANYO 800AR	UNK



NORTH COUNTY CLOUDS

CONTEST ANNOUNCEMENT

WHERE: Northwest Corner of Via Vera Cruz and Linda Vista Drive,
San Marcos, CA. Map on reverse side.

WHEN: June 28, 1987, 9:00 A.M.

EVENTS: SC2 Class A Open Unlimited, Sanction #932.

Round 1: 3 Minute Precision-Duration. Open Launch order. Sign up for frequency and fly any time after registration. 900 flight points and 100 landing points.

Round 2: 7 Minute Man-on-Man Precision-Duration. 900 flight points and 100 landing points. Called flight order.

Round 3: 3-5-7- Minute Duration, your choice. 300/200/100 landing points. Scoring by NCC single flight line.

NOTE: AMA SAILPLANE RULE 5.d. (page 66) waived. Up to 2 pilots per sailplane are permitted.

DETAILS: Sign-up begins at 8:00 A.M. Current AMA license required. AMA number required on Sailplane entered. Authorized frequency number and/or flags required. Registration fee is \$6.00. Expert trophies through 5th place, Sportsman trophies through 3rd place. CD: KEN RAYMOND, 13918 Granville Dr., Poway, CA. (619) 748-3692. President and Assistant CD: KEITH FINKENBINER, (619) 931-0630. 6/12 Volt winches. Smooth dirt landing field: 750 foot winch lines.

TO L.A.

OCEANSIDE

SAN DIEGO
30 MI.

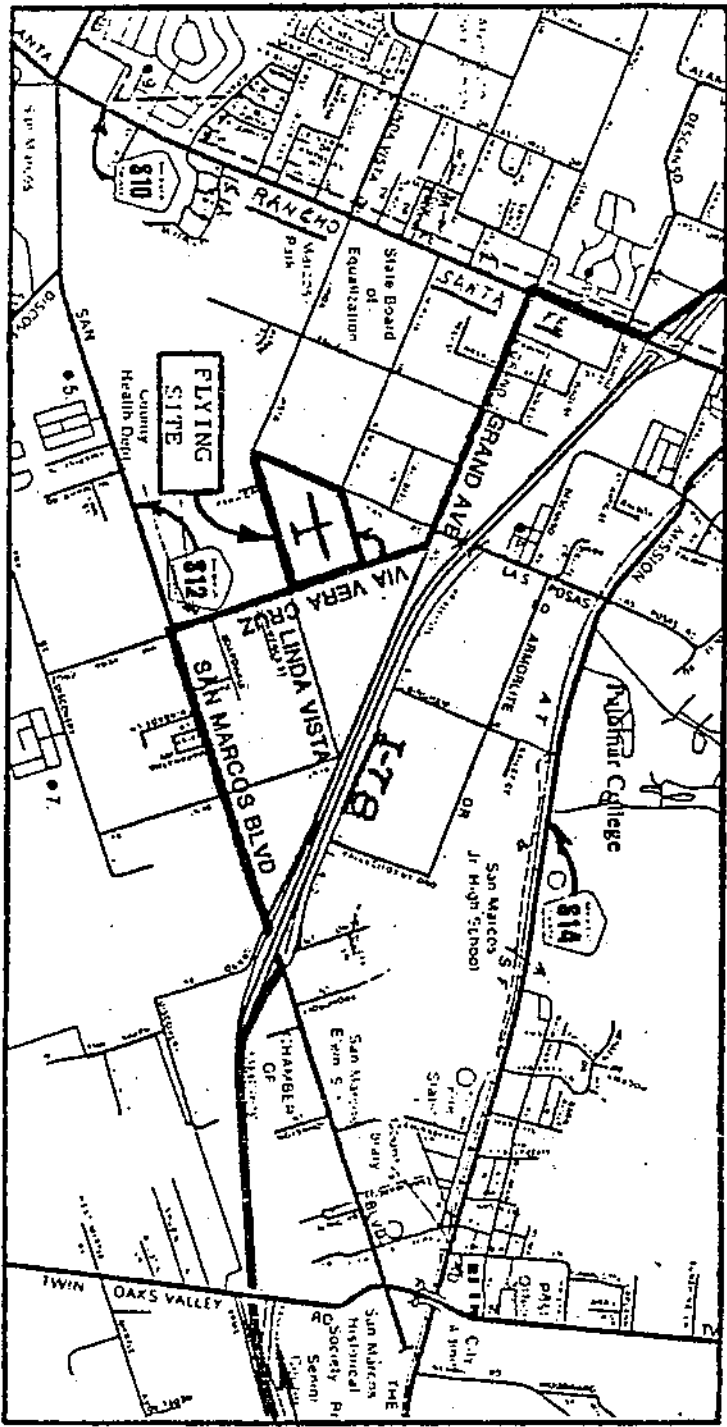
I-78
±13 MILES

NORTH COUNTY CLOUDS SALLIPANE CLUB

FLYING SITE

SAN MARCOS, CALIFORNIA

SAN DIEGO COUNTY



RANCHO SANTA FE DR

San Marcos College

San Marcos Jr High School

San Marcos Chamber of Commerce

San Marcos Historical Society

I-78
7 MILES

ESCONDIDO

SAN DIEGO
20 MI.

I-15 TO RIVERSIDE